FIGURE 1A

```
1   ATGACGCCCAACAGCACTGGCGAGGTGCCCAGCCCCATTCCCAAGGGGGCTTTGGGGCTC   60

61  TCCCTGGCCCTGGCAAGCCTCATCATCACCGCGAACCTGCTCCTAGCCCTGGGCATCGCC   120

121 TGGGACCGCCGCCTGCGCAGCCCACCTGCTGGCTGCTTCTTCCTGAGCCTACTGCTGGCT   180

181 GGGCTGCTCACGGGTCTGGCATTGCCCACATTGCCAGGGCTGTGGAACCAGAGTCGCCGG   240

241 GGTTACTGGTCCTGCCTCCTCGTCTACTTGGCTCCCAACTTCTCCTTCCTCTCCCTGCTT   300

301 GCCAACCTCTTGCTGGTGCACGGGGAGCGCTACATGGCAGTCCTGAGGCCACTCCAGCCC   360

361 CCTGGGAGCATTCGGCTGGCCCTGCTCCTCACCTGGGCTGGTCCCCTGCTCTTTGCCAGT   420

421 CTGCCCGCTCTGGGGTGGAACCACTGGACCCCTGGTGCCAACTGCAGCTCCCAGGCTATC   480

481 TTCCCAGCCCCCTACCTGTACCTCGAAGTCTATGGGCTCCTGCTGCCCGCCGTGGGTGCT   540
```

FIGURE 1B

```
541  GCTGCCTTCCTCTCTGTCCGCGTGCTGGCCACTGCCCACCGCCAGCTGCAGGACATCTGC   600

601  CGGCTGGAGCGGGCAGTGTGCCGCGATGAGCCCTCCGCCCTGGCCCGGGCCCTTACCTGG   660

661  AGGCAGGCAAGGGCACAGGCTGGAGCCATGCTGCTCTTCGGGCTGTGCTGGGGGCCCTAC   720

721  GTGGCCACACTGCTCCTCTCAGTCCTGGCCTATGAGCAGCGCCCGCCACTGGGGCCTGGG   780

781  ACACTGTTGTCCCTCCTCTCCCTAGGAAGTGCCAGTGCAGCGGCAGTGCCCGTAGCCATG   840

841  GGGCTGGGCGATCAGCGCTACACAGCCCCCTGGAGGGCAGCCGCCCAAAGGTGCCTGCAG   900

901  GGGCTGTGGGGAAGAGCCTCCCGGGACAGTCCCGGCCCCAGCATTGCCTACCACCCAAGC   960

961  AGCCAAAGCAGTGTCGACCTGGACTTGAACTAAAGG  996
```

FIGURE 2A

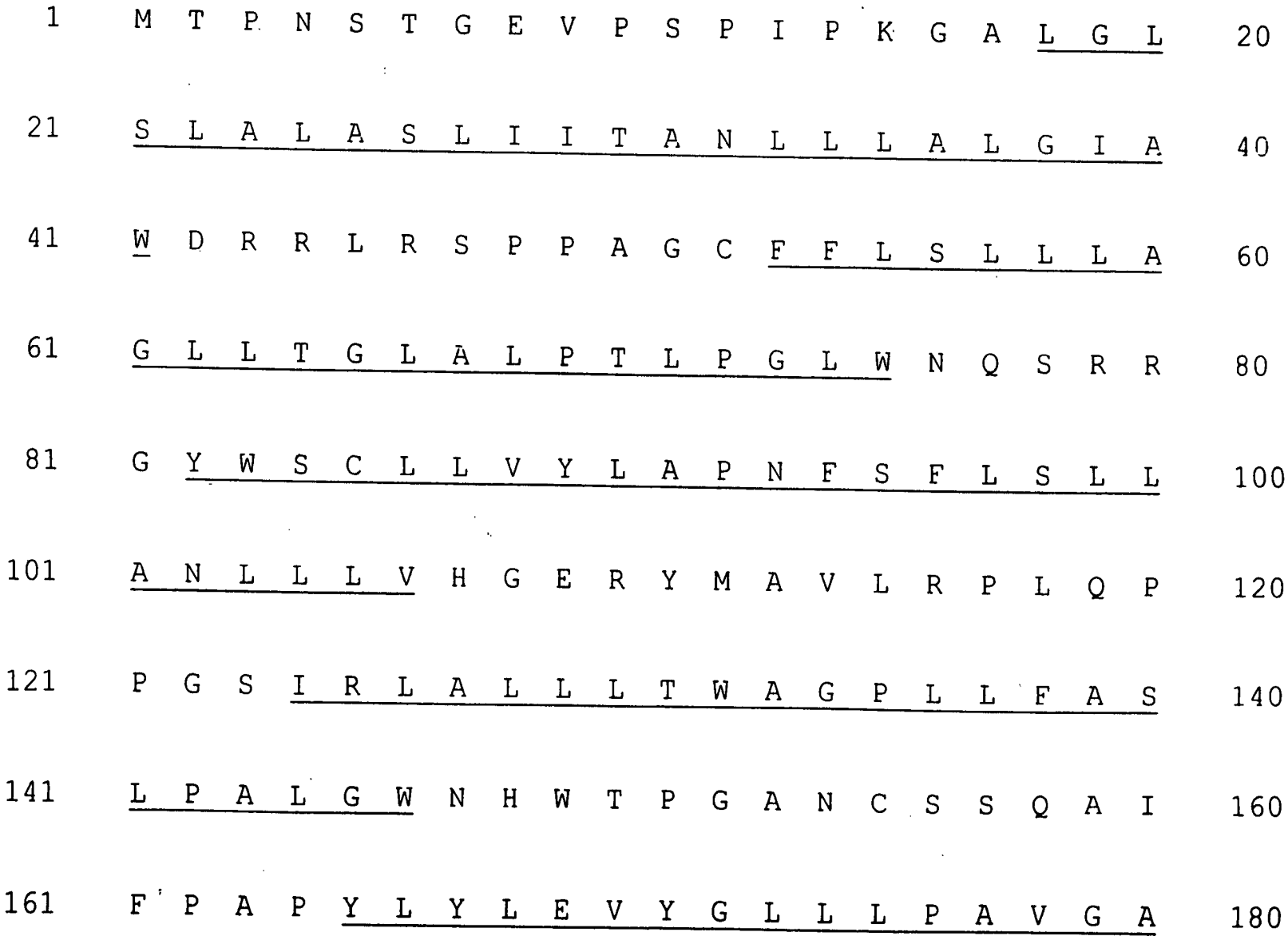
1 M T P N S T G E V P S P I P K G A L G L 20
21 S L A L A S L I I T A N L L L A L G I A 40
41 W D R R L R S P P A G C F F L S L L L A 60
61 G L L T G L A L P T L P G L W N Q S R R 80
81 G Y W S C L L V Y L A P N F S F L S L L 100
101 A N L L L V H G E R Y M A V L R P L Q P 120
121 P G S I R L A L L L T W A G P L L F A S 140
141 L P A L G W N H W T P G A N C S S Q A I 160
161 F P A P Y L Y L E V Y G L L L P A V G A 180

FIGURE 2B

181	A A F L S V R V L A T A H R Q L Q D I C	200
201	R L E R A V C R D E P S A L A R A L T W	220
221	R Q A R A Q A G A M L L F G L C W G P Y	240
241	V A T L L L S V L A Y E Q R P P L G P G	260
261	T L L S L L S L G S A S A A A V P V A M	280
281	G L G D Q R Y T A P W R A A A Q R C L Q	300
301	G L W G R A S R D S P G P S I A Y H P S	320
321	S Q S S V D L D L N	330

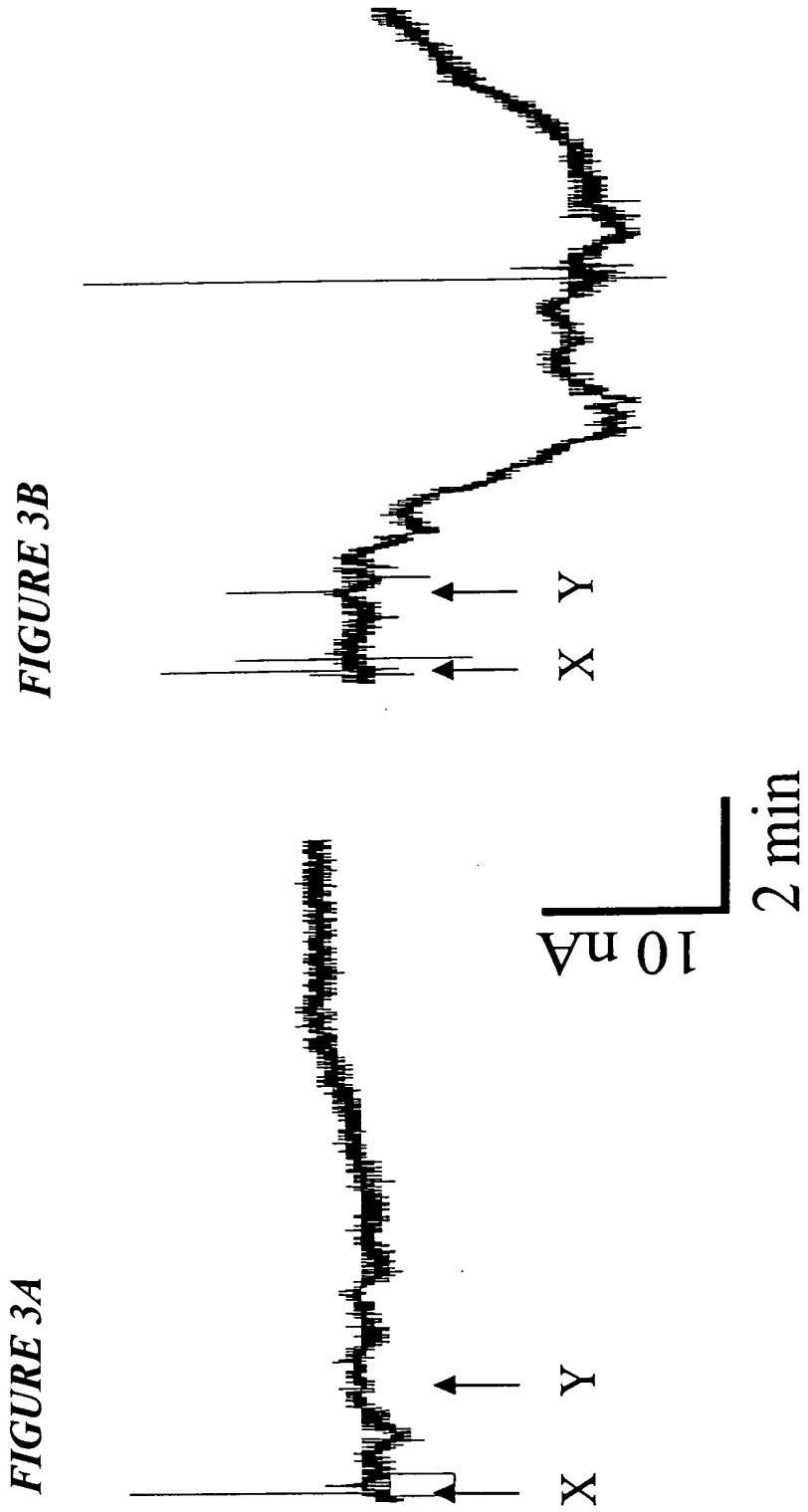

FIGURE 3A

FIGURE 3B